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AGRICULTURAL MARKETING SERVICE  
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*United States Cotton Quality Report For Ginnings 1976 Crop*

Vol. 50, No. 6

March 30, 1977

Upland cotton ginned in the United States from the 1976 crop was predominantly staples 34 and 35 and grades 31 and 41, according to the Cotton Division, Agricultural Marketing Service, USDA. Grade and staple distribution showed that staples 34 and 35 accounted for 53 percent of the staples and grades 31 and 41 accounted for 50 percent of the grades. Average fiber strength of the 1976 crop was 86,300 pounds per square inch. Average mike was 4.2. The supply of upland cotton totaled 13.8 million running bales during the 1976-77 season.

**Staples.** Staples 34 and 35 made up 53 percent (5.5 million bales) of ginnings from the 1976 upland cotton crop. This compares with 56 percent (4.5 million bales) a year earlier. The two lengths 32 and 33 accounted for 19 percent (1.9 million bales) of ginnings this year against 11 percent (.9 million bales) last year. Staples 31 and shorter comprised 16 percent (1.6 million bales) of 1976-crop ginnings compared with 21 percent (1.7 million bales) last season. Staples 36 and longer made up 12 percent (1.2 million bales) of this season's ginnings against 13 percent (1.0 million bales) a year ago. Average staple length of the 1976 upland crop was 33.7 thirty-seconds inches against 33.6 thirty-seconds last season.

**Grades.** Upland ginnings from the 1976 crop contained 37 percent (3.7 million bales) of grade 41 and 14 percent (1.4 million bales) of grade 31. This compares with 30 percent (2.4 million) and 18 percent (1.5 million), respectively, last season. All White grades accounted for 67 percent (6.9 million bales) of this season's ginnings against 70 percent (5.6 million bales) last year. The Light Spotted grades accounted for 22 percent or 2.3 million bales against 25 percent or 2.0 million in 1975. The Spotted grades comprised nine percent (.9 million bales) of this year's ginnings. This was the largest proportion in the Spotted grades since the crop of 1957 and compares with five percent (.4 million bales) last season. The grade index of the 1976 crop was 91.4 (grade 31=100) against 91.8 a year ago.

**Upland Supply.** This season's supply of upland cotton (August 1, 1976 carryover plus 1976 ginnings) totaled 13.8 million running bales. This compares with 13.5 million last season. The staple distribution shows this season's supply of cotton stapling 34 and longer totaled 9.2 million bales, down from 9.5 million a year earlier. Supplies of staple 33 and shorter totaled 4.6 million bales against 4.0 million last year. Supplies in the two lengths 34 and 35 made up 7.5 million bales this season compared with 7.8 million a year earlier. Supplies in the White grades 41 and above totaled 7.3 million bales, up from 7.1 million a year earlier. This season's supply of Light Spotted cotton was 3.0 million bales compared with 3.3 million last season. Supplies of the Spotted grades totaled 1.1 million bales, up sharply from 0.6 million last year.

Table 1. Upland cotton in the United States, ginnings and supply, by staple groupings, 1972-1976

Season beginning August 1	Staple								All staple lengths
	Shorter than 32		32 and 33		34 and 35		36 and longer		
	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total	
	1,000		1,000		1,000		1,000		1,000
	<u>bales</u>	<u>Percent</u>	<u>bales</u>	<u>Percent</u>	<u>bales</u>	<u>Percent</u>	<u>bales</u>	<u>Percent</u>	<u>bales</u>
	<u>Ginnings</u>								
1972	2,158	16	2,464	19	7,556	57	998	8	13,176
1973	3,019	24	1,945	16	6,810	54	750	6	12,533
1974	1,190	11	1,126	10	7,510	66	1,414	13	11,240
1975	1,674	21	905	11	4,496	55	1,023	13	8,098
1976 1/	1,636	16	1,938	19	5,470	53	1,241	12	10,285
	<u>Supply</u>								
1972	2,857	18	2,887	18	9,257	56	1,324	8	16,325
1973	3,851	23	2,756	17	8,776	54	1,013	6	16,396
1974	2,125	14	1,959	13	9,142	62	1,701	11	14,927
1975	2,317	17	1,694	13	7,829	58	1,671	12	13,511
1976 1/	2,139	16	2,508	18	7,539	54	1,612	12	13,798

1/ Preliminary.



Table 2. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	After January 31			Total crop			Supply			Change in Supply	
		1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1976 from 1975
		Bales	Bales	Pct.	Pct.	Bales	Bales	1,000 bales	1,000 bales	Pct.	Pct.	1,000 bales
<b>White</b>												
G.M.	(11)	-	-	-	-	117	129	**	**	*	*	0
S.M.	(21)	-	43	-	*	39,536	24,431	67	49	0.5	0.4	-18 -26.9
M.+	(30)	-	-	-	-	1,945	1,509	13	23	0.1	0.2	+10 +76.9
M.	(31)	2,292	4,522	2.4	4.7	1,467,906	1,387,624	1,985	1,891	14.7	13.7	-94 -4.7
S.L.M.+	(40)	1,449	1,961	1.5	2.0	415,709	442,596	790	773	5.8	5.6	-17 -2.2
S.L.M.	(41)	3,519	12,816	3.7	13.3	2,428,869	3,737,818	4,221	4,583	31.1	33.1	+362 +8.6
L.M.+	(50)	241	1,229	0.3	1.3	144,197	226,302	471	483	3.5	3.5	+12 +2.5
L.M.	(51)	5,558	7,569	5.8	7.9	995,827	919,805	1,643	1,319	12.2	9.6	-324 -19.7
S.G.O.+	(60)	91	136	0.1	0.1	8,048	9,784	24	21	0.2	0.2	-3 -12.5
S.G.O.	(61)	2,860	4,189	3.0	4.4	117,174	130,854	204	213	1.5	1.5	+9 +4.4
G.O.+	(70)	-	-	-	-	257	328	**	1	*	*	+1 +100.0
G.O.	(71)	817	1,603	0.9	1.7	13,495	22,407	26	34	0.2	0.2	+8 +30.8
<b>Light Spotted</b>												
G.M.	(12)	-	-	-	-	-	-	**	**	*	*	0
S.M.	(22)	5	29	*	*	4,364	5,350	18	9	0.1	0.1	-9 -50.0
M.	(32)	6,370	2,487	6.7	2.6	435,417	579,920	748	756	5.5	5.5	+8 +1.1
S.L.M.	(42)	17,430	9,679	18.2	10.1	1,108,733	1,206,457	1,853	1,584	13.7	11.5	-269 -14.5
L.M.	(52)	11,731	11,284	12.3	11.7	459,702	461,718	713	635	5.3	4.6	-78 -10.9
<b>Spotted</b>												
G.M.	(13)	-	-	-	-	-	-	-	**	-	*	0
S.M.	(23)	149	77	0.2	0.1	2,729	3,310	7	6	0.1	*	-1 -14.3
M.	(33)	8,800	1,548	9.2	1.6	118,883	259,920	156	326	1.2	2.4	+170 +109.0
S.L.M.	(43)	15,027	7,224	15.8	7.5	178,152	453,708	287	557	2.1	4.0	+270 +94.1
L.M.	(53)	6,519	9,208	6.8	9.6	73,837	197,598	131	253	1.0	1.8	+122 +93.1
Tinged 2/	(24-54)	6,742	5,679	7.1	5.9	36,335	140,494	52	173	0.4	1.3	+121 +232.7
Stained 2/	(25-35)	601	103	0.6	0.1	1,239	1,990	1	7	*	0.1	+6 +600.0
<b>Light Gray</b>												
G.M.	(16)	-	-	-	-	23	-	**	**	*	*	0
S.M.	(26)	-	49	-	0.1	1,467	1,390	2	2	*	*	0
M.	(36)	58	182	0.1	0.2	6,228	8,175	9	11	0.1	0.1	+2 +22.2
S.L.M.	(46)	29	348	*	0.4	1,779	3,161	7	5	0.1	*	-2 -28.6
<b>Gray</b>												
G.M.	(17)	-	-	-	-	-	-	-	**	-	*	0
S.M.	(27)	-	-	-	-	-	-	**	**	*	*	0
M.	(37)	-	-	-	-	57	184	**	**	*	*	0
S.L.M.	(47)	18	36	*	*	101	420	2	1	*	*	-1 -50.0
Below Grade 3/		5,022	14,066	5.3	14.7	35,426	57,631	81	83	0.6	0.6	+2 +2.5
All grades		95,328	96,067	100.0	100.0	8,097,552	10,284,738	13,511	13,798	100.0	100.0	+287 +2.1

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

\* Less than 0.05 percent. \*\* Less than 500 bales.



Table 3. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	After January 31			Total crop			Supply			Change in Supply	
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1976 from 1975
	Bales	Bales	Pct.	Pct.	Bales	Bales	1,000 bales	1,000 bales	Pct.	Pct.	bales
26 and shorter	320	58	0.3	0.1	3,733	528	4	1	*	*	-3
28	1,580	561	1.7	0.6	67,326	8,269	75	24	0.8	0.2	-51
29	6,330	480	6.6	0.5	288,954	77,314	352	148	3.6	1.1	-204
30	23,997	5,837	25.2	6.1	620,459	577,842	897	801	7.7	5.8	-96
31	22,087	11,057	23.2	11.5	693,943	972,499	990	1,164	8.6	7.3	+174
32	12,076	17,855	12.7	18.6	514,857	873,457	829	1,087	6.4	8.4	+258
33	9,027	19,612	9.5	20.4	390,191	1,064,321	865	1,421	8.5	10.3	+556
34	11,858	20,071	12.4	20.8	1,546,506	2,525,321	3,106	3,523	4.8	6.4	+417
35	3,210	15,770	3.4	16.4	2,948,891	2,944,039	4,722	4,018	19.1	25.5	-704
36	4,793	4,393	5.0	4.6	995,178	1,199,076	1,577	1,517	28.6	29.2	-60
37	6	219	*	0.2	25,665	35,858	83	74	11.7	11.0	-9
38	8	53	*	0.1	1,003	2,132	7	14	0.3	0.5	+7
39	-	65	-	0.1	316	1,339	**	1	*	0.1	+100.0
40 and longer	36	36	*	*	530	2,743	4	5	*	*	+1
All staples	95,328	96,067	100.0	100.0	8,097,552	10,284,738	13,511	13,798	100.0	100.0	+287

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

\*\* Less than 500 bales.

Table 4. Specified measures of quality for upland ginnings 1/

Item	After January 31		Total crop		Supply	
	1975	3/	1975	3/	1975	1976
	84.2	31.6	91.8	33.6	91.4	91.4
Grade index (Mid. White=100)						
Average staple, 32nd. inch						
Rough preparation, percent	*	*	*	*	*	*
Tenderable, percent 2/	10.8	24.1	55.6	56.1	56.1	56.1
Average mike reading	3.2	3.7	4.0	4.2	4.2	4.2
Average fiber strength (Mps1) 3/	80.7	-	86.3	86.3	86.3	86.3

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

3/ Excludes North Carolina. 1/8" gage fiber strength tests were made on North Carolina cotton in lieu of the zero gage fiber strength tests. These tests were made in cooperation with the North Carolina Department of Agriculture and were reported in the weekly report "Quality of Cotton Classed under Smith-Doxey Act - Southeastern Area."

\* Less than 0.05 percent.

Table 5. Percentage distribution of micronaire readings for upland ginnings this season and last season, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals						Average mike						
	1975	1976	Pct.	Pct.	1975	1976	Pct.	Pct.	1975	1976	Pct.	Pct.	1975	1976	Pct.	Pct.	1975	1976	Pct.	Pct.	1975	1976	Pct.	Pct.	1975	1976	Pct.	Pct.	Rdg.	Rdg.	
																															Below 3.5
N. C.	-	-	*	0.2	0.1	0.5	0.2	1.3	4.6	16.5	44.1	42.7	46.8	33.9	3.8	4.3	0.4	0.6	0.3	2.0	95.5	93.1	4.2	6.9	4.5	4.3					
S. C.	-	*	*	0.1	0.2	0.8	0.7	1.1	13.0	6.9	56.7	30.3	27.8	44.5	1.6	14.1	*	2.2	0.9	2.0	97.5	81.7	1.6	16.3	4.3	4.5					
Ga.	*	*	*	-	0.6	*	0.9	0.2	12.2	1.8	63.4	16.1	22.4	53.6	0.5	22.8	*	5.5	1.5	0.2	98.0	71.5	0.5	28.3	4.2	4.7					
Fla.	-	-	0.3	-	0.9	-	1.8	-	22.4	-	29.7	-	44.4	-	0.5	-	-	3.0	-	96.5	-	0.5	-	4.3	-						
Ala.	*	0.1	0.2	0.6	1.2	2.3	2.3	2.6	20.8	12.1	52.3	26.7	22.8	37.1	0.4	13.7	*	4.8	3.7	5.6	95.9	75.9	0.4	18.5	4.2	4.5					
Miss.	0.2	*	2.2	0.5	4.7	2.1	3.4	2.6	15.2	18.1	37.2	41.4	32.0	30.4	4.8	4.6	0.3	0.3	10.5	5.2	84.4	89.9	5.1	4.9	4.2	4.3					
Tenn.	-	0.2	0.1	1.1	0.4	3.9	0.8	4.3	11.8	26.3	46.5	37.5	36.3	24.1	3.8	2.3	0.3	0.3	1.3	9.5	94.6	87.9	4.1	2.6	4.4	4.1					
Mo.	*	0.2	*	0.9	1.0	5.2	1.8	6.8	13.7	34.8	35.0	38.6	39.5	12.5	8.4	1.0	0.6	*	2.8	13.1	88.2	85.9	9.0	1.0	4.4	4.0					
Ark.	0.1	*	0.6	0.4	2.1	2.0	1.8	2.4	8.6	13.6	26.4	31.1	46.3	34.7	11.9	11.8	2.2	4.0	4.6	4.8	81.3	79.4	14.1	15.8	4.5	4.4					
La.	*	*	0.7	0.2	2.6	1.3	2.9	1.6	10.5	8.3	29.8	28.4	44.5	42.9	8.5	13.9	0.5	3.4	6.2	3.1	84.8	79.6	9.0	17.3	4.4	4.5					
Okla.	4.5	0.3	10.4	0.6	15.9	1.4	11.3	1.4	31.7	7.3	21.1	18.7	4.6	32.1	0.4	20.4	0.1	17.8	42.1	3.7	57.4	58.1	0.5	38.2	3.6	4.7					
Tex.	9.3	3.6	22.5	6.7	24.3	10.0	10.5	7.1	16.6	22.2	9.4	24.8	5.8	18.0	1.4	5.6	0.2	2.0	66.6	27.4	31.8	65.0	1.6	7.6	3.3	3.9					
N. M.	14.1	4.1	18.0	7.6	20.6	10.7	11.9	8.5	26.6	33.6	8.6	30.1	0.2	5.1	-	0.3	-	*	64.6	30.9	35.4	68.8	-	0.3	3.2	3.7					
Ariz.	1.8	0.6	2.9	1.8	4.2	3.0	2.9	2.1	11.0	8.0	22.0	22.6	32.4	39.5	16.5	18.2	6.3	4.2	11.8	7.5	65.4	70.1	22.8	22.4	4.4	4.5					
Calif.	0.5	0.3	1.7	1.4	2.8	3.1	3.3	4.5	26.4	33.1	46.1	44.8	16.8	11.2	1.8	1.3	0.6	0.3	8.3	9.3	89.3	89.1	2.4	1.6	4.1	4.0					
Other	-	0.1	-	*	-	0.3	1.7	0.9	17.5	10.1	39.7	35.2	39.5	34.1	1.6	13.6	-	5.7	1.7	1.3	96.7	79.4	1.6	19.3	4.3	4.5					
U. S.	3.3	1.3	7.9	2.8	9.5	5.0	5.3	4.5	17.5	21.0	29.9	32.1	21.3	24.0	4.3	7.1	1.0	2.2	26.0	13.6	68.7	77.1	5.3	9.3	4.0	4.2					

1/ Data for current season are preliminary.

\* Less than 0.05 percent.



Table 6. Percentage distribution of fiber strength for upland cotton ginnings this season and last season, by states <sup>1/</sup>

State	Zero Gage Fiber Strength (Mps1)																		Average strength		
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above		1975	1976	
	Pct.	Pct.	1976	Pct.	Pct.	1976	Pct.	Pct.	1976	Pct.	Pct.	1976	Pct.	Pct.	1976	Pct.	Pct.				
N. C.	-	-	-	0.1	-	0.3	-	6.5	-	40.2	-	42.3	-	10.4	-	0.2	-	-	-	-	84.9
S. C.	-	-	-	*	-	0.3	1.0	16.0	9.7	54.1	41.0	27.3	38.9	2.0	8.8	0.3	0.6	-	-	82.9	84.3
Ga.	-	-	-	*	-	3.0	2.5	35.1	15.4	49.2	39.7	11.6	33.3	1.1	8.7	*	0.4	-	*	80.6	83.6
Ala.	-	-	-	0.1	*	2.2	3.2	32.4	22.2	46.4	40.9	16.4	27.3	2.5	5.7	*	0.7	-	-	81.2	82.6
Miss.	-	-	-	*	-	0.5	0.1	15.5	3.2	53.9	24.7	25.6	44.8	4.2	23.1	0.3	3.7	-	0.4	82.9	87.1
Tenn.	-	-	-	-	-	0.1	0.6	11.1	9.5	52.7	44.3	31.1	37.6	4.7	7.9	0.3	0.1	-	-	83.5	84.2
Mo.	-	-	-	0.1	-	2.9	0.1	28.6	4.6	49.2	36.1	16.9	48.8	2.3	9.7	*	0.6	-	0.1	81.3	85.3
Ark.	-	-	-	-	-	0.5	0.1	11.6	4.0	46.8	27.6	32.7	41.1	7.6	21.8	0.8	5.0	*	0.4	83.8	86.8
Ia.	-	-	-	*	*	1.3	0.6	18.7	4.9	50.3	23.2	25.5	36.4	3.9	24.3	0.3	9.2	-	1.4	82.6	87.6
Okla.	-	*	*	-	-	2.9	0.9	26.1	10.7	44.6	37.6	22.4	38.5	3.7	11.0	0.2	1.1	0.1	0.2	82.0	84.6
Tex.	-	*	0.1	0.1	2.5	3.6	17.8	24.2	36.0	40.5	30.4	23.0	10.9	6.5	2.0	1.7	0.3	0.4	83.9	82.6	
N. M.	-	*	-	*	*	0.4	1.5	1.8	7.2	7.1	10.9	17.1	19.5	34.1	27.1	27.4	22.8	12.1	11.0	92.7	90.9
Ariz.	-	-	*	*	*	0.5	1.4	7.1	16.7	34.0	50.2	41.1	25.7	14.9	5.1	2.4	0.9	*	*	85.6	83.0
Calif.	-	-	-	*	*	*	0.1	0.1	1.0	1.8	6.2	10.2	20.3	33.1	36.2	37.8	27.6	17.0	8.6	94.9	92.5
U. S.	-	*	*	*	*	1.2	1.6	12.9	11.7	32.9	29.2	24.3	28.7	14.2	17.6	10.2	8.8	4.3	2.4	86.3	86.3

<sup>1/</sup> Data for current season are preliminary.

\* Less than 0.05 percent.

Table 7. Percentage distribution of the grade of upland cotton ginned this season and last season, by states 1/

State	White										Light Spotted						Other colored		Below Grade		Grade index 2/									
	SM 21 & higher					LM+ 50					SGO+ 60 & lower					SM 22 & higher							SLM 42		LM 52					
	1975	1976	M+	M	SLM+	1975	1976	SLM	LM+	LM	1975	1976	SGO+	1975	1976	SM	M	SLM	LM	1975	1976	Pct.	Pct.	1975	1976	Pct.	Pct.	1975	1976	Pct.
N. C.	-	-	0.1	0.1	0.9	0.1	1.6	15.2	47.5	4.5	12.5	53.5	16.6	6.8	1.1	-	0.2	0.8	4.2	9.8	12.8	2.3	1.8	6.0	0.8	0.8	85.2	90.0		
S. C.	-	0.1	-	-	1.4	4.0	0.2	2.7	24.2	37.2	4.6	7.5	33.0	12.9	4.0	1.7	-	0.3	0.6	4.8	12.7	11.0	15.8	3.7	2.9	13.5	0.6	0.6	86.7	90.0
Ga.	-	*	-	*	0.4	0.7	0.1	0.2	18.7	29.1	2.9	4.7	29.4	26.3	4.8	2.7	-	*	0.5	1.3	19.2	17.9	19.5	9.4	3.5	6.6	1.0	1.1	85.8	87.5
Fla.	-	-	-	-	0.3	-	-	-	32.9	-	1.8	-	31.8	-	3.0	-	-	0.3	-	13.2	-	12.5	-	2.7	-	1.5	-	87.3	-	
Ala.	*	0.1	-	*	0.9	4.2	0.6	2.6	43.6	46.2	3.6	3.8	27.7	11.1	2.2	1.4	-	*	0.4	2.4	11.4	12.8	6.5	4.5	2.6	10.0	0.5	0.9	89.0	90.1
Miss.	0.1	0.2	-	*	3.5	8.1	0.7	1.8	40.1	54.3	2.8	3.6	31.0	20.2	4.7	2.8	*	0.5	1.0	7.8	4.7	5.4	2.0	2.5	0.9	0.9	0.4	88.7	91.4	
Tenn.	0.1	0.3	-	-	4.6	10.6	1.3	1.8	47.5	38.5	3.6	2.4	21.5	10.8	3.1	1.5	*	0.1	0.8	4.4	10.3	14.7	4.9	5.7	1.8	8.2	0.5	1.0	90.1	90.6
Mo.	*	0.3	-	-	8.5	13.5	1.4	1.6	47.4	41.5	3.0	3.7	13.2	6.8	1.1	0.8	*	*	4.1	5.6	15.6	12.0	4.2	3.7	1.3	9.5	0.2	1.0	91.6	91.6
Ark.	0.1	0.1	*	*	9.4	13.0	2.5	3.1	55.4	56.5	4.5	4.1	15.2	11.2	1.3	1.0	*	*	1.2	1.9	7.7	6.3	2.0	1.3	0.6	1.4	0.1	0.1	92.1	92.9
La.	0.1	0.2	*	0.1	9.8	20.7	1.4	2.4	58.3	55.2	3.1	2.7	14.7	9.6	1.2	1.4	*	*	1.5	1.9	7.0	4.2	1.7	1.0	1.1	0.5	0.1	0.1	92.3	93.7
Okla.	*	*	-	-	2.4	1.9	0.2	0.2	8.8	6.3	0.5	0.5	6.0	3.8	0.9	0.8	*	0.1	9.0	15.2	28.6	34.0	14.7	9.6	27.7	26.9	1.2	0.7	86.6	88.1
Tex.	0.1	0.1	*	*	4.1	4.0	0.3	0.4	16.8	14.7	0.4	0.3	8.1	6.9	1.3	1.5	0.1	0.1	13.4	11.8	31.4	23.9	10.8	9.5	12.9	26.3	0.3	0.5	89.3	88.2
N. M.	2.6	1.4	-	*	37.5	25.8	9.3	9.8	27.2	20.6	2.7	2.8	2.7	4.0	0.7	1.5	0.1	0.5	4.7	9.1	6.7	7.7	2.9	1.9	2.4	13.5	0.5	1.4	95.3	92.9
Ariz.	1.8	0.6	-	-	50.4	28.4	6.8	4.7	19.4	37.5	0.7	1.8	1.6	4.3	0.8	1.2	0.2	0.1	10.3	9.1	3.8	6.7	2.0	2.5	0.6	1.0	1.6	2.1	96.3	94.0
Calif.	1.2	0.4	0.1	*	46.9	26.1	17.0	12.5	28.0	46.9	1.2	2.5	3.4	5.7	0.4	1.6	*	*	0.6	0.8	0.7	1.5	0.3	0.8	0.1	0.9	0.1	0.3	96.9	94.7
Other	6.5	3.4	-	-	47.7	11.0	2.7	4.8	4.4	53.4	-	1.8	24.1	8.0	2.6	0.6	0.7	-	2.1	1.1	2.5	9.3	6.3	1.7	-	4.5	0.4	0.4	94.0	92.9
U. S.	0.5	0.2	*	*	18.1	13.5	5.1	4.3	30.0	36.5	1.8	2.2	12.3	8.9	1.7	1.6	0.1	0.1	5.4	5.6	13.7	11.7	5.7	4.5	5.2	10.3	0.4	0.6	91.8	91.4

1/ Data for current season are preliminary.

2/ Middling White equals 100.

\* Less than 0.05 percent.



Table 8. Percentage distribution of the staple of upland cotton ginned this season and last season, and total ginnings, by states 1/

State	28		29		30		31		32		33		34		35		36		37		38		Average		Total		
	& shorter																				& longer		staple 2/		upland ginnings		
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	
<u>Pct. Pet.</u>																											

1/ Data for current season are preliminary.

2/ Expressed in thirty-seconds of an inch.

\* Less than 0.05 percent.

Table 9. Percentage of ginnings reduced in grade, by specified causes, this season and last season, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1975	1976	1975	1976	1975	1976	1975	1976
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Carolina	3.7	6.0	0.4	0.2	*	0.1	4.1	6.3
South Carolina	6.2	10.2	3.8	1.4	-	*	10.0	11.6
Georgia	1.4	1.3	12.4	8.1	0.1	*	13.9	9.4
Florida	1.7	-	3.5	-	0.5	-	5.7	-
Alabama	3.2	9.9	0.9	0.8	*	*	4.1	10.7
Mississippi	7.6	7.6	2.4	1.1	*	*	10.0	8.7
Tennessee	7.4	10.2	0.7	1.4	*	*	8.1	11.6
Missouri	1.8	1.0	0.2	1.0	0.1	*	2.1	2.0
Arkansas	4.7	3.0	0.2	0.4	*	*	4.9	3.4
Louisiana	7.4	5.9	1.6	1.5	*	*	9.0	7.4
Oklahoma	0.4	1.2	31.5	17.1	*	-	31.9	18.3
Texas	0.6	1.2	23.8	30.6	*	*	24.4	31.8
New Mexico	1.2	1.1	4.1	12.2	0.4	0.1	5.7	13.4
Arizona	1.2	1.9	4.0	5.4	0.1	0.1	5.3	7.4
California	2.6	2.8	0.2	0.9	*	*	2.8	3.7
Other	-	5.2	1.4	0.8	-	-	1.4	6.0
United States	3.0	3.3	8.7	11.2	*	*	11.7	14.5

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

Table 10. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	After January 31				Total crop			
		1975	1976	1975	1976	1975	1976	1975	1976
Grade		Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.
1	(10)	-	-	-	-	-	7	-	*
2	(20)	-	-	-	-	1,812	1,156	3.4	1.8
3	(30)	17	9	1.7	0.9	25,360	14,499	47.2	23.0
4	(40)	70	128	7.1	12.5	18,119	36,948	33.8	58.6
5	(50)	96	150	9.7	14.7	4,328	7,581	8.1	12.0
6	(60)	131	137	13.2	13.4	1,449	1,439	2.7	2.3
7	(70)	161	220	16.3	21.5	1,301	719	2.4	1.1
8	(80)	220	243	22.2	23.9	799	413	1.5	0.7
9	(90)	198	100	20.0	9.8	331	166	0.6	0.3
10	(00)	97	34	9.8	3.3	172	119	0.3	0.2
Total		990	1,021	100.0	100.0	53,671	63,047	100.0	100.0
Staple									
40 and shorter		151	5	15.3	0.5	274	14	0.5	*
42		459	550	46.3	53.8	2,604	1,318	4.9	2.1
44		368	350	37.2	34.3	44,512	38,121	82.9	60.5
46		12	116	1.2	11.4	6,281	23,594	11.7	37.4
48 and longer		-	-	-	-	-	-	-	-
Total		990	1,021	100.0	100.0	53,671	63,047	100.0	100.0

1/ Data for current season are preliminary.

\* Less than 0.05 percent.



Table 11. Percentage distribution of micronaire readings for American Pima ginned in the United States, this season and last season, by states <sup>1/</sup>

Readings	State						United States	
	Texas		New Mexico		Arizona		1975	1976
	1975	1976	1975	1976	1975	1976		
	Percent		Percent		Percent		Percent	
2.4 and below	0.7	0.1	0.3	0.7	*	-	0.2	*
2.5	0.9	0.7	-	0.6	*	-	0.2	0.1
2.6	1.9	1.2	0.6	0.1	0.3	-	0.7	0.2
2.7	4.0	1.2	0.3	3.4	0.3	0.1	1.2	0.4
2.8	4.8	2.1	3.3	1.6	0.8	0.2	1.9	0.6
2.9	5.3	2.3	4.2	2.7	0.7	0.2	2.0	0.6
3.0	5.9	2.9	6.8	2.9	1.3	0.7	2.8	1.2
3.1	8.0	3.4	6.6	3.2	1.4	1.0	3.4	1.5
3.2	9.5	4.7	7.5	4.7	3.0	1.6	4.9	2.3
3.3	9.0	4.9	11.1	5.3	2.8	1.9	4.8	2.5
3.4	9.7	6.0	6.4	4.1	5.4	2.3	6.6	3.0
3.5	9.7	8.9	8.7	4.7	5.6	6.9	6.8	7.2
3.6	9.9	10.4	10.6	6.1	10.7	7.5	10.5	7.9
3.7	7.4	8.6	7.2	8.1	11.4	7.6	10.2	7.8
3.8	4.8	9.3	7.1	8.7	13.6	11.6	11.0	11.1
3.9	3.7	6.5	7.2	9.8	13.1	11.6	10.4	10.6
4.0	2.1	6.9	4.2	8.5	12.3	14.4	9.3	12.9
4.1	1.1	6.0	3.9	8.1	9.4	10.6	7.0	9.7
4.2	0.8	5.1	3.3	6.3	4.6	10.3	3.5	9.3
4.3	0.7	3.5	-	2.1	2.2	5.2	1.7	4.8
4.4	0.1	2.9	-	3.4	0.6	5.0	0.5	4.6
4.5	-	1.7	-	0.8	0.3	0.9	0.2	1.1
4.6	-	0.7	0.7	4.1	0.1	0.2	0.1	0.5
4.7	-	-	-	-	0.1	0.1	0.1	*
4.8	-	-	-	-	-	0.1	-	0.1
4.9	-	-	-	-	-	*	-	*
5.0 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	3.3	3.7	3.5	3.7	3.8	3.9	3.6	3.8

<sup>1/</sup> Data for current season are preliminary.

\* Less than 0.05 percent.

Table 12. Percentage distribution of upland cotton by specified grades,  
by seasons, 1965-1976 <sup>1/</sup>

Grade Code		Season											
		1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
<u>White:</u>		<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>
S.M.													
and higher	(21)	2.1	1.3	1.2	1.1	0.5	0.5	0.3	0.2	0.5	0.2	0.5	0.2
M.+	(30)	0.2	*	*	*	*	*	*	*	*	*	*	*
M.	(31)	18.7	16.5	18.8	16.4	14.4	14.4	12.7	8.2	18.1	12.2	18.1	13.5
S.L.M.+	(40)	1.9	1.1	1.3	1.5	1.7	0.8	1.4	1.5	1.5	3.6	5.1	4.3
S.L.M.	(41)	31.1	28.6	33.7	38.5	38.0	34.0	33.3	32.3	38.9	37.7	30.0	36.5
L.M.+	(50)	2.4	1.9	1.7	2.0	1.7	1.1	1.2	1.5	1.4	2.1	1.8	2.2
L.M.	(51)	11.5	7.8	7.6	11.8	12.6	17.7	16.0	24.2	15.4	20.3	14.0	10.5
and lower													
<u>Light Spotted:</u>													
S.M.													
and higher	(22)	0.5	0.3	0.4	0.2	0.1	*	*	*	*	*	0.1	0.1
M.	(32)	11.4	11.2	13.2	9.3	5.1	9.1	4.1	3.7	7.6	2.6	5.4	5.6
S.L.M	(42)	12.9	15.6	11.4	12.2	13.9	13.6	13.8	13.7	10.4	12.1	13.7	11.7
L.M.	(52)	2.5	4.5	3.3	2.9	5.5	4.6	10.1	6.2	3.9	6.1	5.7	4.5
<u>Spotted:</u>		2.4	8.7	5.2	2.9	3.7	3.1	5.4	5.4	1.7	2.3	4.6	8.8
Other Colored <u>2/</u>		2.4	2.5	2.2	1.2	2.8	1.1	1.7	3.1	0.6	0.8	1.0	2.1
Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1/</sup> Data for 1976 are preliminary.

<sup>2/</sup> Includes Below Grade.

\* Less than 0.05 percent.

Table 13. Percentage distribution of upland cotton by specified staples,  
by seasons, 1965-1976 <sup>1/</sup>

Staple	Season											
	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>
26 and shorter	0.1	0.1	*	*	0.1	*	0.1	*	*	*	*	*
28	0.7	1.0	0.6	0.1	1.3	0.4	0.6	0.1	0.2	0.1	0.8	0.1
29	6.3	6.8	4.6	1.1	4.2	3.5	3.3	1.2	1.9	0.6	3.6	0.8
30	15.5	14.5	10.6	7.0	6.4	10.4	9.1	6.1	9.6	3.8	7.7	5.6
31	4.3	4.6	7.3	6.9	5.1	5.8	5.1	9.0	12.2	6.1	8.6	9.5
32	4.7	3.8	5.3	7.2	5.6	5.2	3.1	8.7	8.8	5.3	6.4	8.5
33	19.2	13.5	9.7	8.5	10.5	10.1	5.3	10.0	6.7	4.7	4.8	10.3
34	34.0	34.8	28.7	26.0	31.0	37.6	25.0	35.7	29.1	22.6	19.1	24.6
35	12.3	16.8	23.0	26.4	28.9	19.9	32.8	21.7	25.4	44.2	36.4	28.6
36 and longer	2.9	4.1	10.2	16.8	6.9	7.1	15.6	7.5	6.1	12.6	12.6	12.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1/</sup> Data for 1976 are preliminary.

\* Less than 0.05 percent.



Table 14. Cotton: Grade index, by states, United States, 5-year averages, 1938-72 and by seasons, 1973-1976 1/

State	5-year averages							1973	1974	1975	1976*
	1938-42	1943-47	1948-52	1953-57	1958-62	1963-67	1968-72				
N. Carolina	95.8	91.3	93.1	91.7	94.4	91.7	88.4	88.7	87.6	85.2	90.0
S. Carolina	96.8	92.9	93.5	93.9	95.6	92.4	87.9	88.1	88.4	86.7	90.0
Georgia	96.8	95.2	95.4	95.1	95.8	91.0	87.7	88.0	86.2	85.8	87.5
Florida	95.2	95.7	95.7	95.2	92.5	90.0	88.5	88.3	88.9	87.3	-
Alabama	97.0	96.9	96.1	95.7	96.3	92.7	90.4	89.5	90.1	89.0	90.1
Mississippi	97.2	96.2	96.5	95.2	95.5	94.4	90.8	89.9	89.2	88.7	91.4
Tennessee	96.2	93.9	94.8	95.9	96.5	94.2	91.9	91.5	89.6	90.1	90.6
Missouri	93.2	90.1	91.4	93.6	94.1	92.4	92.1	92.2	91.1	91.6	91.6
Arkansas	96.4	93.9	93.8	94.6	94.2	92.2	91.2	91.1	90.6	92.1	92.9
Louisiana	96.6	96.2	97.0	94.4	94.9	94.4	92.5	90.3	90.6	92.3	93.7
Oklahoma	93.7	90.6	93.8	90.7	92.3	90.7	89.0	91.6	87.2	86.6	88.1
Texas	95.5	94.3	94.9	93.0	94.8	92.4	88.5	92.8	88.3	89.3	88.2
New Mexico	98.3	97.6	97.4	97.1	98.7	96.7	93.9	96.5	91.7	95.3	92.9
Arizona	97.3	93.4	96.3	96.2	96.5	92.7	93.8	96.5	92.4	96.3	94.0
California	98.3	96.9	94.8	94.3	97.8	94.1	94.8	96.1	95.2	96.9	94.7
U. S.	96.2	94.6	94.9	94.3	95.5	93.1	90.8	92.3	90.8	91.8	91.4

1/ Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of 15/16" staple. Converted to an index on basis Middling White equals 100. For 1958 and subsequent years, constants for Plus, Light Spotted and Light Gray set at mid-points between full grade weights.

\* Preliminary.

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Table 15. Cotton: Average staple length in thirty-seconds inches, by states, United States 5-year averages, 1938-72 and by seasons, 1973-1976 1/

State	5-year averages							1973	1974	1975	1976*
	1938-42	1943-47	1948-52	1953-57	1958-62	1963-67	1968-72				
N. Carolina	32.6	32.6	33.0	32.8	33.3	33.6	34.2	34.8	35.4	34.6	35.3
S. Carolina	32.5	32.8	32.8	32.9	33.4	33.8	34.5	34.8	35.0	34.6	35.1
Georgia	31.1	32.0	32.6	32.7	33.1	33.2	33.7	34.1	34.0	34.0	34.6
Florida	31.1	32.7	33.0	32.9	32.8	33.0	33.7	34.0	34.1	34.0	-
Alabama	30.7	31.8	32.8	32.7	33.3	33.2	33.7	33.6	34.2	33.7	33.9
Mississippi	34.2	33.7	34.0	33.7	33.8	34.1	34.6	34.4	34.7	34.7	34.1
Tennessee	31.9	32.5	33.1	33.1	33.6	33.8	33.9	33.8	34.4	34.1	33.6
Missouri	32.7	33.2	33.5	33.5	33.8	34.0	34.4	34.1	35.1	34.6	34.3
Arkansas	32.7	32.7	33.2	33.3	33.8	34.1	34.5	34.3	34.9	34.7	34.2
Louisiana	32.8	32.9	33.8	33.5	33.6	33.8	34.3	34.2	34.6	34.7	34.1
Oklahoma	29.8	29.0	29.1	29.5	30.8	30.5	31.5	31.7	31.9	31.9	31.2
Texas	29.7	29.7	30.0	30.6	31.2	30.8	31.6	31.3	32.1	31.0	31.8
New Mexico	34.2	34.4	34.2	34.6	35.2	35.8	35.8	34.8	35.9	35.2	35.3
Arizona	32.9	32.8	33.2	33.5	33.7	33.6	34.2	34.6	34.7	34.7	34.7
California	34.4	33.7	33.8	34.1	34.1	34.5	35.4	35.3	35.3	35.4	35.3
U. S.	31.8	32.0	32.3	32.5	32.8	32.9	33.6	33.3	34.2	33.6	33.7

1/ Averages calculated on numerical equivalents of the staple length designations; for example, 29/32" = 29.

\* Preliminary.

Table 16. Grade indexes and average staples of carryover, crop and supply of upland cotton, 1955-1976

Year	Grade indexes <u>1/</u>			Average staples <u>2/</u>		
	Carryover	Crop	Supply	Carryover	Crop	Supply
1955	95.9	93.2	94.3	32.2	32.6	32.4
1956	94.0	96.0	95.0	32.2	32.7	32.4
1957	91.9	91.7	91.8	32.0	32.6	32.3
1958	91.1	96.7	94.3	31.7	32.8	32.3
1959	95.0	95.8	95.5	31.9	32.8	32.5
1960	97.9	95.4	96.2	33.0	32.9	32.9
1961	97.6	95.7	96.3	33.3	32.9	33.0
1962	96.9	93.9	94.9	33.2	32.8	33.0
1963	95.5	94.6	94.9	32.7	32.7	32.7
1964	95.3	93.2	94.1	32.3	32.8	32.6
1965	94.8	93.0	93.9	32.4	32.8	32.6
1966	92.9	92.0	92.6	32.1	33.0	32.4
1967	93.1	92.8	93.0	32.1	33.4	32.6
1968	92.6	92.6	92.6	32.5	33.9	33.4
1969	93.2	91.0	91.9	33.8	33.5	33.6
1970	93.4	91.6	92.2	34.0	33.4	33.6
1971	94.5	89.9	91.2	34.2	33.8	33.9
1972	90.7	89.2	89.5	33.4	33.5	33.5
1973	88.8	92.3	91.5	33.2	33.3	33.3
1974	92.8	90.8	91.2	33.1	34.2	33.9
1975	91.2	91.8	91.6	33.9	33.6	33.8
1976*	91.3	91.4	91.4	33.8	33.7	33.7

1/ Middling White equals 100. For 1958 and subsequent years, constants for Plus, Light Spotted and Light Gray set at mid-points between full grade weights.

2/ Expressed in thirty-seconds of an inch.

\* Preliminary.

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